

CLAIMS

1. A method of manufacturing an ink jet head having a plurality of nozzles (120) for discharging ink supplied from an ink supply part (50), characterized in that comprising:

a step of forming, on a substrate (122), a head main body (3) including a plurality of pressure chambers (112) provided one for each of said nozzles (120) and filled up with ink, a plurality of pressurizers (140) provided one for each of said pressure chambers (112) for pressurizing said pressure chamber (112) to discharge said ink in said pressure chamber (112) from said nozzle (120) and a common ink passage (110) for supplying said ink from said ink supply part (50) to said plurality of pressure chambers (112); and

a step of removing said substrate (122) partially from said head main body (3) to form, in said substrate (122), a communicating passage (81) for making a communication between said common ink passage (110) and an ink supply port (51) of said ink supply part (50) and of forming a residual portion of said substrate (122) on said head main body (3) as a joint portion for joining said ink supply part (50) to said head main body (3).

2. A method of manufacturing an ink jet head according to claim 1, characterized in that said substrate (122) is made of magnesium oxide.

3. A method of manufacturing an ink jet head according to claim 2, characterized in that said substrate 122 is partially removed by means of a photoetching treatment.